

Amendments to the Specification:

Replace paragraph [0001] with the following amended paragraph:

[0001] This application relates to United States ~~patent~~ Patent No. 6,089,802 entitled “Cargo Restraint System for a Transport Container” issued on July 18, 2000, United States ~~patent~~ Patent No. 6,227,779 entitled “Cargo Restraint Method for a Transport Container” issued on May 8, 2001, and United States ~~patent~~ Patent No. ~~6,607,337~~ 6,607,337 entitled “Cargo Restraint System” issued on August 19, 2003, all of common inventorship and assignment as the subject application.

Replace paragraph [0044] with the following amended paragraph:

[0044] Referring now particularly to FIGURE 1, there is shown one operative context of the subject invention. In this, a ship 10 is shown ~~docked~~ docked at a port and intermodal containers 12 are being loaded onto the ship. Specifically, FIGURE 1 depicts the ship 10 at a dock 14 and cranes 16 are lifting and loading the intermodal containers 12 to be stacked on the ocean going vessel 10. The subject invention may be advantageously used to secure cargo within the intermodal containers 12, like the ones being loaded onto the ship 10.

Replace paragraph [0046] with the following amended paragraph:

[0046] A partially cut away portion of FIGURE 2 depicts a cargo restraining strip 30, in accordance with the invention, which is operable to be adhered to an interior wall surface 32 of the cargo container 20. The cargo securement system of the subject invention comprises a pair of opposing restraining strips 30 adhered to the side walls of the container 20 by the use of adhesive segments 34 that self adhere to opposing portions of the container side walls. The restraining strips 30 then extend to be wrapped around and embrace ~~large cargo~~ 36, such as fifty five gallon drums 38. The restraining strips 30 overlap and are folded and drawn tightly together by a torque tool. Then an independent overlying patch segment 40 is applied to the junction to unite the opposing restraining strips 30 from the container side walls around the cargo to secure the cargo to the interior wall surfaces of the container 20.

Replace paragraph [0048] with the following amended paragraph:

[0048] Figures 4 through 8 disclose detailed views of one preferred embodiment of the restraining strip 30. Figure 4 shows an expanded, partially redacted, view to disclose the relative position of components of the restraining strip 30, in accordance with the subject invention. The restraining strip 30 includes a first cross-weave layer of reinforcement material 50 having a first surface 52 and a second surface 54. The cross-weave layer 50 is preferably composed with a plurality of substantially parallel longitudinal strands 56 extending along the length of the restraining strip 30, note again Figure 3, and crossing strands 58. As shown particularly in Figures 5 and [[8]] 6 the crossing strands 58 are

woven into the longitudinal strands 56 and have a next adjacent spacing that is approximately twice the spacing of next adjacent parallel longitudinal strands 56.

Replace paragraph [0050] with the following amended paragraph:

[0050] Although a substrate may not be needed for the first ~~adhesive~~ adhesive layer 64 in the event a substrate is necessary or desirable a substrate 70 may be used as shown in Figure 7. The substrate 70 but may be composed of an acrylic sheet having a plurality of transverse holes, a resin differential polymer with holes to render the substrate porous, or VALERON® which may be fashioned in the form of a screen foundation. Companies such as DuPont, Hoeschst Celanese, and others manufacture such materials. Alternatively, the substrate may not be porous provided that the shear strength of the adhesive materials is sufficient to carry axial loading as discussed below.

Replace paragraph [0051] with the following amended paragraph:

[0051] The first, cross-weave layer of reinforcement further includes an outer coating 60 which is adhere to the cross-weave and is preferably a thin layer of biaxially-oriented polyethylene terephthalate polyester film sold under the trademark ~~Mylar~~ MYLAR®, although other materials may be used. ~~Mylar~~ MYLAR® is a registered trademark of the DuPont Company of Wilmington, Delaware. The coating provides dimensional rigidity to the cross-weave and a protective clear or opaque coating.

Replace paragraph [0052] with the following amended paragraph:

[0052] As noted above, the substrate 70 is preferably porous and divides the first and second adhesive layers 72 and 74 which may operably penetrate through the substrate and self bond together. The adhesive layer 64 is composed of compositions that have a high shear strength, wide operative temperature gradient - including cold weather tackiness and a specific gravity of less than one to displace moisture from the side walls of a container through capillary action. Adhesives of the type that are preferred are available from the Venture Tape Company of Rockland, Massachusetts. In an alternative embodiment the substrate 70 may be composed of ~~Mylar~~ MYLAR® or some other relative non-porous material. In this embodiment the shear strength between the adhesive layers 72 and 74 are sufficient to transfer impact load forces to the reinforcing layers.

Replace paragraph [0054] with the following amended paragraph:

[0054] As shown more particularly in Figure 8 each of the strands 82 is composed of a plurality of finer denier strands 84 of reinforcing materials. The reinforcement strands 84 may be composed of fine polyester fibers, polypropylene, polyethylene, polyolefin, glass fiber, aramids including ~~Kevlar~~ KEVLAR®, carbon fibers, and the like. ~~Kevlar~~ KEVLAR® is a polyamide in which all the amide groups are separated by para-phenylene groups. ~~Kevlar~~ KEVLAR® is a registered trademark of the DuPont Company of Wilmington, Delaware. Individual strand bundles 82 are directly abutted against and

adhered to the second or outer surface 68 of the first adhesive layer 64 as shown in Figures 4 through 8.

Replace paragraph [0055] with the following amended paragraph:

[0055] In addition to the main body of the load restraining strip 30, which is continuous throughout the strip and comprises a cross-weave layer of reinforcement [[56]] 50, a first adhesive layer 64, a second reinforcement layer [[82]] 80 composed with parallel strands [[84]] 82, as discussed above, the subject invention includes a length of an extra self-adhering material 48, note again Figure 3.

Replace paragraph [0056] with the following amended paragraph:

[0056] The self-adhering segment 48 comprise a second layer of adhesive 90 having a first side 92 in direct self-adhering contact with an outer or second surface 84 of the second layer of reinforcement strands [[76]] 80. The second layer of adhesive material 90 has a second, outer side 94 and a release paper 96 extends over the outer most surface 94 of the second layer of adhesive 90. The release paper 96 enables individual segments of the subject load restraining strip 30 to be manufactured on a reel core as shown in Figures 3 and 4 and the release paper 96 is peeled off of the load restraining strip 30 on site so that the second layer of adhesive 90 may be used by an installer to affix one end of the load restraining strip 30 to a side wall, or other attachment surface, of a transport container.

Replace paragraph [0057] with the following amended paragraph:

[0057] In a presently preferred embodiment, the second layer of adhesive 90, itself, is composed of a core or substrate member 98 and a first layer of adhesive 100 and a second layer of adhesive 102 overlaying opposite sides of the substrate 98. The substrate may be Mylar MYLAR® or a more porous material to enable the adhesive layers of the second adhesive layer to bond together.

Replace paragraph [0058] with the following amended paragraph:

[0058] In the embodiment of the invention depicted in Figure 7 the thickness of the first 100 and second 102 layers are substantially the same. Turning now to Figure 9 an alternative preferred embodiment of the invention is shown where a first, cross-weave layer 110 of a design and construction similar to layer 50 is bonded to one surface of a layer of adhesive 112 and a second, parallel strand layer of reinforcement 114 is bonded to the other surface of the adhesive course 112. In this embodiment an outer segment of adhesive material 116 is shown which longitudinally extends along the strip 30 for only a portion of the longitudinally extent as shown in Figure 3. Again the second adhesive course 116 is shown as being composed of two layers of adhesive 118 and 120 coating either side of a substrate 122, such as Mylar MYLAR®. However, in this embodiment, the thickness of the inner layer of adhesive 118 has a thickness "A" that is greater than the thickness "B" of the outer layer 120 of adhesive of the second adhesive layer 116. In

this embodiment the outermost layer 120 of adhesive is designed to be placed against a securement sidewall, or other container surface, which is relatively smooth compared with the outer surface of the second layer of reinforcement strands 114.

In the above amendment the specification has been amended in numerous instances merely to correct typographical and grammatical errors and to clarify the use of trademarks. No new matter has been added and the meaning of paragraphs has not been changed. Accordingly entry of these minor amendments is believed appropriate.